

Storm Data and Unusual Weather Phenomena - March 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ERIE				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 7.6 SSE DETROIT RIVER LIGHT [42.00, -83.14]				
	03/27/16 21:40 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	03/27/16 21:40 EST	0		Source: C-MAN Station
A thunderstorm moving into Lake Erie produced a 37 knot gust.				
LAKE HURON				
PORT SANILAC TO PORT HURON MI COUNTY --- FORT GRATIOT WLON STATION (FTGM4) [43.01, -82.42]				
	03/16/16 13:00 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	03/16/16 13:00 EST	0		Source: C-MAN Station
A thunderstorm over Fort Gratiot produced a wind gusts of 45 mph.				
LAKE ST CLAIR				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.1 SW NEW BALTIMORE [42.61, -82.83]				
	03/16/16 12:29 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	03/16/16 12:29 EST	0		Source: ASOS
ST CLAIR RIVER COUNTY --- 1.9 N PORT HURON [43.01, -82.42]				
	03/16/16 13:00 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	03/16/16 13:00 EST	0		Source: C-MAN Station
LAKE ST CLAIR (U.S. PORTION) COUNTY --- ST CLAIR SHORES [42.47, -82.88]				
	03/16/16 19:05 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	03/16/16 19:05 EST	0		Source: C-MAN Station
Thunderstorms moving through Lake St. Clair produced wind gusts between 45 and 55 mph.				
DETROIT RIVER COUNTY --- 7.6 SSE DETROIT RIVER LIGHT [42.00, -83.14]				
	03/31/16 19:11 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	03/31/16 19:11 EST	0		Source: C-MAN Station
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 2.3 SSW ST CLAIR SHORES [42.44, -82.90]				
	03/31/16 20:03 EST	0		Marine Thunderstorm Wind (EG 43 kt)
	03/31/16 20:03 EST	0		Source: Trained Spotter
A spotter estimated a 50 mph thunderstorm wind gust.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- ST CLAIR SHORES [42.47, -82.88]				
	03/31/16 20:05 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	03/31/16 20:05 EST	0		Source: C-MAN Station
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.4 N METROPOLITAN BEACH [42.58, -82.80]				
	03/31/16 20:15 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	03/31/16 20:15 EST	0		Source: C-MAN Station
Thunderstorms tracking in and around Lake St. Clair produced wind gusts up to 50 mph.				

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MICHIGAN, East				
(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER				
	03/01/16 07:00 EST		0	Heavy Snow
	03/01/16 23:00 EST		0	
<p>Low pressure took shape out in the southern plains and quickly deepened as it moved northeast across the Ohio Valley. This system brought a mixed bag of precipitation to the area including rain and freezing rain to locations around the Detroit area and points south while areas north saw all snow. Areas that saw all snow, especially across the Saginaw Valley and Thumb areas had upwards of a foot of snow in some locations. The Detroit and Downriver areas where a mixture of precipitation types fell, only saw a couple of inches of snow. As the low pressure pushed northeast, warmer air was able to work in for a longer period of this area and thus cutting into the total snowfall accumulations. In general, 6 to 12 inches fell along and north of M-59, with 1 to 4 inches south. Here are some of the higher snowfall reports received:</p>				
Harbor Beach...	14.0 inches.			
Bad Axe...	13.0 inches.			
Burt...	12.5 inches.			
Peck (2W)...	12.0 inches.			
Saginaw...	12.0 inches.			
Vassar....	11.0 inches.			
Cass City...	11.0 inches.			
Owosso...	10.6 inches.			
Flint...	9.5 inches.			
North Branch (4W)	9.0 inches.			
Midland (2 SSW)...	8.5 inches.			
Howell...	6.3 inches.			
OAKLAND COUNTY --- 2.1 NE MILFORD [42.60, -83.55]				
	03/16/16 12:40 EST		0	Thunderstorm Wind (EG 50 kt)
	03/16/16 12:40 EST		0	Source: Trained Spotter
A large pine tree was uprooted.				
OAKLAND COUNTY --- 2.5 E LAKE ANGELUS [42.68, -83.28]				
	03/16/16 12:58 EST		0	Thunderstorm Wind (EG 50 kt)
	03/16/16 12:58 EST		0	Source: Public
A large tree was snapped at the base.				
MACOMB COUNTY --- 1.2 NE ROMEO ARPT [42.81, -82.96]				
	03/16/16 13:18 EST		0	Thunderstorm Wind (EG 50 kt)
	03/16/16 13:18 EST		0	Source: Public
Branches were reported blown down.				
ST. CLAIR COUNTY --- 2.8 S ST CLAIR ARPT [42.79, -82.56]				
	03/16/16 13:40 EST		4K	Thunderstorm Wind (EG 50 kt)
	03/16/16 13:40 EST		0	Source: Public
Uprooted tree knocked over power lines and pole.				
ST. CLAIR COUNTY --- 0.5 W MARYSVILLE [42.90, -82.49]				
	03/16/16 13:46 EST		0	Thunderstorm Wind (EG 50 kt)
	03/16/16 13:46 EST		0	Source: Public
Power lines were reported down.				
ST. CLAIR COUNTY --- 1.2 SE PORT HURON ARPT [43.01, -82.43]				
	03/16/16 13:51 EST		4K	Thunderstorm Wind (EG 52 kt)
	03/16/16 13:51 EST		0	Source: Public

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Multiple trees and power lines reported down.

Thunderstorms produced wind damage in Oakland, Macomb, and St. Clair Counties.

(MI-Z047) MIDLAND, (MI-Z048) BAY

03/23/16 12:00 EST	0	Winter Storm
03/24/16 08:00 EST	0	

A narrow band of precipitation broke out along an elevated frontal boundary during the afternoon of March 23rd in the Saginaw Valley and Thumb regions. Initially, the precip fell as rain, but changed to snow as precipitation rates increased and the front contracted. Snow continued, heavily at times, in that narrow band. By 8 pm, a narrow band of 5 to 8 inches of snow had fallen across portions of Midland and Bay counties. At this point, the elevated front pushed northward, allowing warmer air to turn the precip to liquid. Temperatures overnight hovering at or just below the freezing mark caused some ice to accrete mainly on elevated surfaces. By the morning of the 24th, a tenth to a quarter of an inch of ice accumulation had occurred over parts of the Saginaw Valley and Thumb. Marginal temperatures mitigated surface transportation impacts from the freezing rain. Areas along and south of I-69 saw mainly rain with this event.

MONROE COUNTY --- 0.5 W NEWPORT [42.00, -83.31]

03/27/16 19:55 EST	0	Hail (1.00 in)
03/27/16 19:55 EST	0	Source: Public

MONROE COUNTY --- 0.7 N ERIE [41.79, -83.50]

03/27/16 20:05 EST	0	Hail (0.75 in)
03/27/16 20:05 EST	0	Source: Trained Spotter

Thunderstorms produced hail in Monroe County.

MIDLAND COUNTY --- MIDLAND [43.62, -84.23]

03/31/16 16:39 EST	0	Thunderstorm Wind (EG 52 kt)
03/31/16 16:39 EST	0	Source: 911 Call Center

Trees and wires were reported down.

LAPEER COUNTY --- 46.4 S KERR HILL [42.23, -83.43]

03/31/16 18:05 EST	5K	Thunderstorm Wind (EG 61 kt)
03/31/16 18:05 EST	0	Source: Trained Spotter

A small micro-burst produced 300 yards of damage in length. About 10 uprooted trees and another 15 snapped young pine trees. One home and outbuilding lost some shingles.

Two small severe thunderstorms popped up, producing wind damage in Midland and Lapeer Counties.